

Form PTO 1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER HIRA-0126	SERIAL NUMBER To be assigned 10/693,886
	APPLICANT MOCHIZUKI et al.	
	FILING DATE 10/28/2003 Concurrently herewith	GROUP 2652

U.S. Patent Documents

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DE	4,656,546	04/07/1987	Mallory	360	110	01/22/1985

Foreign Patent Documents

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						Yes	No
DE	2002-092820	09/20/2000	Japan	—	—	Abstract	X

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

DE	Mallory, M., Torabi, A. and Benakli, M; "One Terabit per Square Inch Perpendicular Recording Conceptual Design"; IEEE Transactions on Magnetics, Vol. 38, No. 4, July 2002, PP 1719-1724
DE	Kiyoshi Yamakawa, Kazuyuki Ise, Shingo Takahashi and Kazuhiro Ouchi; "A New Single-Pole Head Structure for High Writability"; IEEE Transactions on Magnetics, Vol. 38, No. 1, January 2002, PP 163-168
DE	Xia, Weixing et al., "Relation of Field Gradient of Single Pole Head and Transition Parameter in Perpendicular Double Layer Media", Technical Report of the Institute of Electronics, Information and Communication Engineers, MR2001-87, PP 21-27
DE	Matsubara, Ryo et al., "Recording Field Analysis of a High Track Density SPT Head (3) - SPT head with tapered main pole, tapered return path, and side shield yokes- ", Technical Report of the Institute of Electronics, Information and Communication Engineers, MR2002-65, 6 pages
DE	Hannay, J.D. et al., "Investigation of Perpendicular Write Head Performance at High Densities Using a Hybrid Recording System Model", Abstract No. FA02 of the 47 th Annual Conference on Magnetism and Magnetic Materials, November 14, 2002, pp. 275
DE	Shukh, A. and J. Van Ek, "Write Field Gradient Effect on Perpendicular Recording", Abstract No. FA03 of the 47 th Annual Conference on Magnetism and Magnetic Materials, November 14, 2002, pp. 275
EXAMINER	Jeff Evans DE DATE CONSIDERED 8/05
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant	

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